



2634

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Harry G. Skinner.

Application No.: 10/034,398

Filed: December 26, 2001

For: SPREAD SPECTRUM CLOCKING
TOLERANT RECEIVERS

Assignee: Intel Corporation

Examiner: Curtis B. Odom

Art Unit: 2634

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AMENDMENT

Sir:

This is in response to the non-final Office action dated March 24, 2004. Reconsideration of the application is requested. Please amend the application as follows.

Please amend the specification by inserting the following new paragraphs after the paragraph that ends at page 4, line 13 and before the sentence: "BRIEF DESCRIPTION OF THE DRAWINGS" at page 4, line 15.

BRIEF SUMMARY OF THE INVENTION

Briefly, in some embodiments, the inventions include a system having clock recovery circuitry to receive a spread spectrum data signal and a reference clock signal and in response thereto to produce an in phase clock signal which is in phase with the data signal and mirrors frequency changes in the data signal. The data signal has embedded clock information and a varying frequency. The system further includes a receiving gate to receive the data signal and the in phase clock signal and to gate the data signal to produce a gated data signal in response to the in phase clock signal.

Other embodiments are described and claimed.